July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education

MEA
Maine Educational Assessment

School Report
Grade 3

Test Date:	March 2009
Code:	10301208
SAU:	Caribou School Department
School:	Teague Park School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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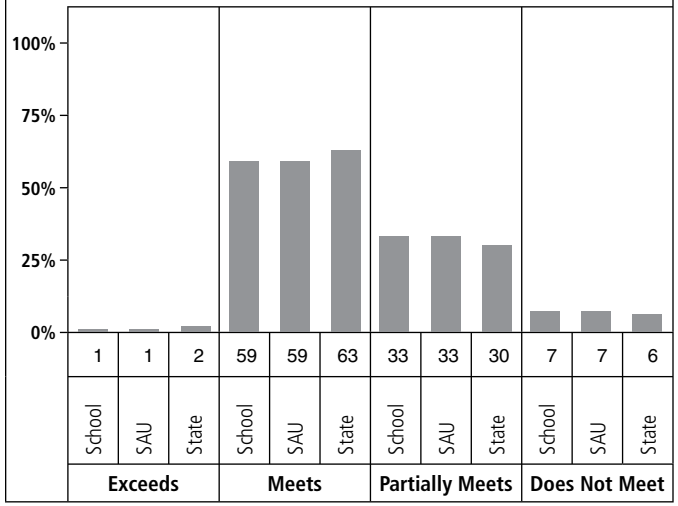
SUMMARY OF SCORES

Test Date: March 2009
Grade: 3
SAU: Caribou School Department
School: Teague Park School

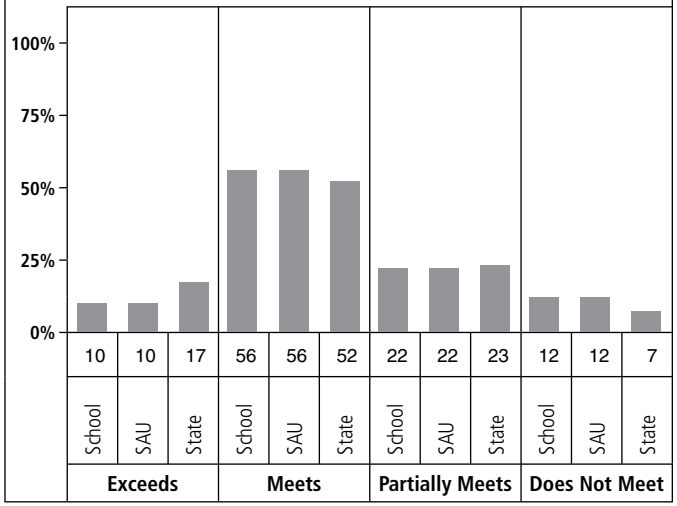
Summary of School, SAU, and State Scores

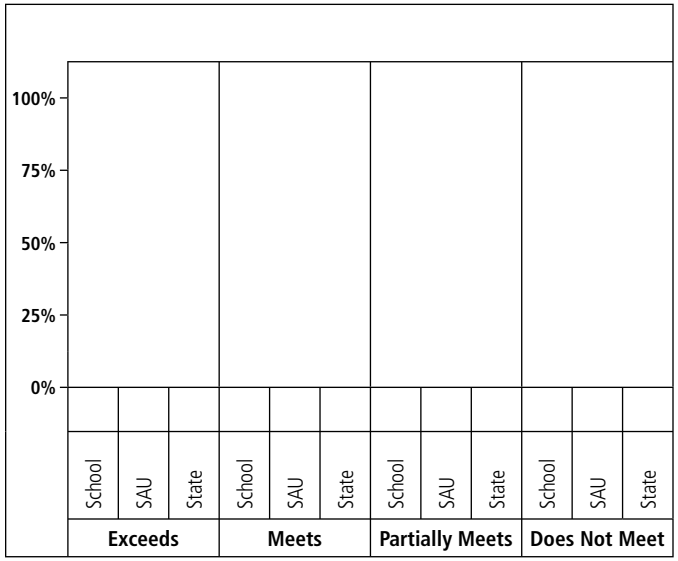
Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	344	344	345
2007–2008	343	343	344
2008–2009	**343**	**343**	**345**
Cum. Avg.*	343	343	345
Mathematics			
2006–2007	345	345	347
2007–2008	346	346	347
2008–2009	**345**	**345**	**348**
Cum. Avg.*	345	345	347

ELA – READING



MATHEMATICS





*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
Grade: 3
SAU: Caribou School Department
School: Teague Park School

CATEGORY OF PARTICIPATION	Enrollment[1] during testing window						CONTENT AREA PARTICIPATION[2]																	
							ELA–Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	101	100	101	100	13763	100	101	100	101	100	13691	100	101	100	101	100	13691	100						
Ethnicity African American/Black	2	2	2	2	416	3	2	100	2	100	412	99	2	100	2	100	414	100						
American Indian or Native Alaskan	0	0	0	0	102	1	0	0	0	0	101	100	0	0	0	0	101	100						
Asian or Pacific Islander	1	1	1	1	232	2	1	100	1	100	226	97	1	100	1	100	227	98						
Hispanic	0	0	0	0	167	1	0	0	0	0	164	98	0	0	0	0	164	98						
Caucasian/White	98	97	98	97	12846	93	98	100	98	100	12788	100	98	100	98	100	12785	100						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Identified disability	25	25	25	25	2414	18	25	100	25	100	2388	100	25	100	25	100	2388	100						
Current LEP	3	3	3	3	420	3	3	100	3	100	413	98	3	100	3	100	417	99						
Economically disadvantaged	48	48	48	48	5887	43	48	100	48	100	5847	100	48	100	48	100	5846	100						
Migrant	0	0	0	0	6	0	0	0	0	0	6	100	0	0	0	0	6	100						

MODE OF PARTICIPATION[3]	ELA–Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	61	60	61	60	10316	75	60	59	60	59	10355	75						
Identified disability (PET/IEP)	3	5	3	5	437	4	2	3	2	3	445	4						
LEP	2	3	2	3	192	2	2	3	2	3	193	2						
504 plan	0	0	0	0	83	1	0	0	0	0	83	1						
Participation with accommodations	40	40	40	40	3179	23	41	41	41	41	3152	23						
Identified disability (PET/IEP)	22	55	22	55	1757	55	23	56	23	56	1759	56						
LEP	1	3	1	3	214	7	1	2	1	2	219	7						
504 plan	0	0	0	0	63	2	0	0	0	0	64	2						
Other	18	45	18	45	1192	37	18	44	18	44	1157	37						
Participation through alternate assessment (PAAP)	0	0	0	0	194	1	0	0	0	0	184	1						
Identified disability (PET/IEP)	0	0	0	0	194	100	0	0	0	0	184	100						
LEP	0	0	0	0	5	3	0	0	0	0	5	3						
504 plan	0	0	0	0	1	1	0	0	0	0	0	0						
Approved non-participation in reading – 1st year LEP	0	0	0	0	2	0												
Approved non-participation – special consideration	0	0	0	0	19	0	0	0	0	0	21	0						
Non-participation – other	0	0	0	0	53	0	0	0	0	0	51	0						

[1]Percents are the percentage of students enrolled in each participation category.
[2]Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.
[3]Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date:	March 2009
Grade:	3
SAU:	Caribou School Department
School:	Teague Park School

ACHIEVEMENT LEVEL DEFINITIONS

The quality of a student's work at each achievement level reflects progress in attaining Maine's *Learning Results: Parameters for Essential Instruction* in English language arts – reading.

		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student's work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 362–380)	2006-2007	0	0	0	0	332	2
	2007-2008	0	0	0	0	227	2
	2008-2009	**1**	**1**	**1**	**1**	**262**	**2**
	Cum. Total*	1	0	1	0	821	2
Meets the Standards – The student's work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 342–360)	2006-2007	55	58	55	58	8691	63
	2007-2008	54	61	54	61	8403	62
	2008-2009	**60**	**59**	**60**	**59**	**8500**	**63**
	Cum. Total*	169	60	169	60	25594	63
Partially Meets the Standards – The student's work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student's ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 332–340)	2006-2007	33	35	33	35	3781	27
	2007-2008	27	31	27	31	4018	30
	2008-2009	**33**	**33**	**33**	**33**	**3985**	**30**
	Cum. Total*	93	33	93	33	11784	29
Does Not Meet the Standards – The student's work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student's responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 300–330)	2006-2007	7	7	7	7	1021	7
	2007-2008	7	8	7	8	938	7
	2008-2009	**7**	**7**	**7**	**7**	**748**	**6**
	Cum. Total*	21	7	21	7	2707	7

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	**46**	**100**	27.5	59.8	27.5	59.8	28.3	61.5
A1/A2 Interconnected Elements/Literary Text	**32**	**70**	19.6	61.3	19.6	61.3	19.9	62.2
A1/A3 Interconnected Elements/Informational Text	**14**	**30**	7.8	55.7	7.8	55.7	8.4	60.0

The MEA assesses students' reading skills based on questions related to two types of reading passages: literary and informational. Reading passages include short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine's 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: http://www.maine.gov/education/lres/pei/index.html.

*Percentages are calculated by dividing the cumulative total of the number of students in the achievement level by the cumulative total of the number of students tested.

ELA-READING RESULTS
(CONTINUED)

Test Date: March 2009
Grade: 3
SAU: Caribou School Department
School: Teague Park School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	101	1	1	60	59	33	33	7	7	343	101	1	59	33	7	343	13495	2	63	30	6	345
Ethnicity																						
African American/Black	2										2						402	0	40	41	18	339
American Indian or Native Alaskan	0										0						99	0	64	31	5	343
Asian or Pacific Islander	1										1						222	4	63	25	8	345
Hispanic	0										0						162	0	51	38	10	342
Caucasian/White	98	1	1	59	60	31	32	7	7	343	98	1	60	32	7	343	12610	2	64	29	5	345
Not Reported	0										0						0					
Identified disability																						
Yes	25	0	0	8	32	11	44	6	24	338	25	0	32	44	24	338	2194	0	32	50	18	338
No	76	1	1	52	68	22	29	1	1	345	76	1	68	29	1	345	11301	2	69	26	3	346
Current LEP																						
Yes	3										3						406	0	39	41	20	339
No	98	1	1	59	60	31	32	7	7	343	98	1	60	32	7	343	13089	2	64	29	5	345
Economically disadvantaged																						
Yes	48	0	0	23	48	19	40	6	13	341	48	0	48	40	13	341	5721	1	52	39	9	342
No	53	1	2	37	70	14	26	1	2	346	53	2	70	26	2	346	7774	3	71	23	3	346
Migrant																						
Yes	0										0						6	0	67	33	0	345
No	101	1	1	60	59	33	33	7	7	343	101	1	59	33	7	343	13489	2	63	30	6	345
Gender																						
Female	46	1	2	25	54	15	33	5	11	343	46	2	54	33	11	343	6568	3	67	26	4	346
Male	55	0	0	35	64	18	33	2	4	344	55	0	64	33	4	344	6927	1	59	33	7	343
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	30	0	0	9	30	16	53	5	17	339	30	0	30	53	17	339	2300	0	39	49	11	340
No	71	1	1	51	72	17	24	2	3	345	71	1	72	24	3	345	11195	2	68	25	4	345
Gifted/talented program																						
Yes	0										0						155	11	87	2	0	354
No	101	1	1	60	59	33	33	7	7	343	101	1	59	33	7	343	13340	2	63	30	6	344

E = Exceeds the Standards **M = Meets the Standards** **P = Partially Meets the Standards** **D = Does Not Meet the Standards**

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. **N** = Number

ELA-READING RESULTS
(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 3
SAU: Caribou School Department
School: Teague Park School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	8	0	0	5	63	1	13	2	25	338	8	0	63	13	25	338	5	1	44	39	16	340
B. less than one hour	69	1	1	42	60	23	33	4	6	344	69	1	60	33	6	344	80	2	66	28	4	345
C. one to two hours	20	0	0	12	60	7	35	1	5	344	20	0	60	35	5	344	13	2	61	32	6	344
D. more than two hours	3	0	0	1	33	2	67	0	0	339	3	0	33	67	0	339	3	1	36	45	18	339
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	51	1	2	36	69	14	27	1	2	346	51	2	69	27	2	346	47	3	68	24	4	346
B. good	41	0	0	19	46	18	44	4	10	341	41	0	46	44	10	341	41	1	62	31	5	344
C. fair	6	0	0	3	50	1	17	2	33	339	6	0	50	17	33	339	9	0	51	41	8	342
D. poor	2	0	0	2	100	0	0	0	0	343	2	0	100	0	0	343	2	0	30	51	19	338
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	32	0	0	20	63	11	34	1	3	344	32	0	63	34	3	344	31	3	63	28	6	345
B. They match some of what I have learned.	51	1	2	32	62	16	31	3	6	344	51	2	62	31	6	344	49	2	68	26	3	345
C. They match just a little of what I have learned.	13	0	0	7	54	4	31	2	15	340	13	0	54	31	15	340	14	1	53	39	7	342
D. There is no match.	4	0	0	1	25	2	50	1	25	337	4	0	25	50	25	337	6	0	43	43	14	340
How hard was the reading part of this test?																						
A. harder than my regular schoolwork	32	0	0	16	50	12	38	4	13	342	32	0	50	38	13	342	18	1	50	38	11	342
B. about the same as my regular schoolwork	56	1	2	36	64	16	29	3	5	344	56	2	64	29	5	344	57	2	68	26	3	346
C. easier than my regular schoolwork	12	0	0	7	58	5	42	0	0	344	12	0	58	42	0	344	25	1	61	31	6	344
How hard were the reading passages on this test?																						
A. Most of the passages were harder than what I normally read.	19	0	0	7	37	7	37	5	26	338	19	0	37	37	26	338	15	0	38	48	14	340
B. Most of the passages were about the same as what I normally read.	46	1	2	27	59	16	35	2	4	344	46	2	59	35	4	344	48	2	66	29	4	345
C. Most of the passages were easier than what I normally read.	35	0	0	26	74	9	26	0	0	345	35	0	74	26	0	345	37	3	70	23	4	347
How much time do you spend reading at home each day?																						
A. more than one hour	12	0	0	9	75	3	25	0	0	346	12	0	75	25	0	346	22	3	67	25	4	346
B. 20 minutes to an hour	53	0	0	32	59	17	31	5	9	343	53	0	59	31	9	343	46	2	68	26	4	346
C. less than 20 minutes	21	1	5	11	52	9	43	0	0	344	21	5	52	43	0	344	18	1	56	36	8	343
D. I rarely read at home.	14	0	0	8	57	4	29	2	14	341	14	0	57	29	14	341	14	0	50	40	10	341
How many pages do you read in school and to complete homework assignments?																						
A. five or fewer pages	19	1	5	7	37	7	37	4	21	339	19	5	37	37	21	339	29	1	56	36	7	343
B. six to ten pages	12	0	0	3	25	8	67	1	8	340	12	0	25	67	8	340	21	2	62	31	5	344
C. eleven or more pages	69	0	0	50	74	16	24	2	3	345	69	0	74	24	3	345	50	3	68	25	5	346
Optional school/SAU question																						
A.	50	0	0	0	0	1	100	0	0	340	50	0	0	100	0	340						
B.	0										0											
C.	0										0											
D.	50	0	0	0	0	1	100	0	0	340	50	0	0	100	0	340						

E = Exceeds the Standards **M = Meets the Standards** **P = Partially Meets the Standards** **D = Does Not Meet the Standards**
N = Number

MATHEMATICS RESULTS

Test Date:	March 2009
Grade:	3
SAU:	Caribou School Department
School:	Teague Park School

ACHIEVEMENT LEVEL DEFINITIONS

The quality of a student's work at each achievement level reflects progress in attaining Maine's *Learning Results: Parameters for Essential Instruction* in mathematics.

		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student's work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student's responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 362–380)	2006-2007	12	13	12	13	1985	14
	2007-2008	13	15	13	15	2277	17
	2008-2009	**10**	**10**	**10**	**10**	**2328**	**17**
	Cum. Total*	35	12	35	12	6590	16
Meets the Standards – The student's work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student's responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student's work may contain minor errors. (Scaled Score 342–360)	2006-2007	41	43	41	43	6990	51
	2007-2008	42	48	42	48	6764	50
	2008-2009	**57**	**56**	**57**	**56**	**7045**	**52**
	Cum. Total*	140	49	140	49	20799	51
Partially Meets the Standards – The student's work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student's responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 326–340)	2006-2007	34	36	34	36	3673	27
	2007-2008	25	28	25	28	3504	26
	2008-2009	**22**	**22**	**22**	**22**	**3137**	**23**
	Cum. Total*	81	29	81	29	10314	25
Does Not Meet the Standards – The student's work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student's responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 300–324)	2006-2007	8	8	8	8	1193	9
	2007-2008	8	9	8	9	1044	8
	2008-2009	**12**	**12**	**12**	**12**	**997**	**7**
	Cum. Total*	28	10	28	10	3234	8

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	**48**	**100**	29.7	61.9	29.7	61.9	31.5	65.6
A. Number	**20**	**42**	11.6	58.0	11.6	58.0	12.8	64.0
B. Data	**8**	**17**	6.3	78.8	6.3	78.8	6.1	76.3
C. Geometry	**8**	**17**	5.0	62.5	5.0	62.5	5.5	68.8
D. Algebra	**12**	**25**	6.8	56.7	6.8	56.7	7.1	59.2

The MEA assesses students' mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine's 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: http://www.maine.gov/education/lres/pei/index.html.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.

*Percentages are calculated by dividing the cumulative total of the number of students in the achievement level by the cumulative total of the number of students tested.

MATHEMATICS RESULTS
(CONTINUED)

Test Date: March 2009
Grade: 3
SAU: Caribou School Department
School: Teague Park School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	101	10	10	57	56	22	22	12	12	345	101	10	56	22	12	345	13507	17	52	23	7	348
Ethnicity																						
African American/Black	2										2						407	7	37	32	24	338
American Indian or Native Alaskan	0										0						99	7	47	38	7	344
Asian or Pacific Islander	1										1						223	25	45	24	7	350
Hispanic	0										0						162	6	44	35	15	341
Caucasian/White	98	9	9	56	57	21	21	12	12	345	98	9	57	21	12	345	12616	18	53	23	7	348
Not Reported	0										0						0					
Identified disability																						
Yes	25	0	0	7	28	9	36	9	36	333	25	0	28	36	36	333	2204	6	36	36	22	338
No	76	10	13	50	66	13	17	3	4	349	76	13	66	17	4	349	11303	19	55	21	4	350
Current LEP																						
Yes	3										3						412	7	37	35	21	339
No	98	10	10	56	57	21	21	11	11	345	98	10	57	21	11	345	13095	18	53	23	7	348
Economically disadvantaged																						
Yes	48	3	6	23	48	14	29	8	17	341	48	6	48	29	17	341	5727	10	48	31	12	343
No	53	7	13	34	64	8	15	4	8	348	53	13	64	15	8	348	7780	23	55	18	4	351
Migrant																						
Yes	0										0						6	0	67	33	0	345
No	101	10	10	57	56	22	22	12	12	345	101	10	56	22	12	345	13501	17	52	23	7	348
Gender																						
Female	46	3	7	21	46	12	26	10	22	340	46	7	46	26	22	340	6568	16	52	24	8	348
Male	55	7	13	36	65	10	18	2	4	349	55	13	65	18	4	349	6939	18	53	22	7	348
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	30	0	0	12	40	9	30	9	30	336	30	0	40	30	30	336	2300	4	43	39	14	340
No	71	10	14	45	63	13	18	3	4	349	71	14	63	18	4	349	11207	20	54	20	6	350
Gifted/talented program																						
Yes	0										0						155	73	26	1	0	368
No	101	10	10	57	56	22	22	12	12	345	101	10	56	22	12	345	13352	17	52	23	7	348

E = Exceeds the Standards **M = Meets the Standards** **P = Partially Meets the Standards** **D = Does Not Meet the Standards**

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. **N** = Number

MATHEMATICS RESULTS
(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 3
SAU: Caribou School Department
School: Teague Park School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	8	0	0	4	50	3	38	1	13	341	8	0	50	38	13	341	5	9	38	32	21	340
B. less than one hour	69	7	10	40	57	15	21	8	11	346	69	10	57	21	11	346	80	19	54	22	5	349
C. one to two hours	20	3	15	12	60	3	15	2	10	347	20	15	60	15	10	347	13	16	51	24	9	347
D. more than two hours	3	0	0	1	33	1	33	1	33	327	3	0	33	33	33	327	3	6	31	39	24	337
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	43	6	14	27	63	6	14	4	9	348	43	14	63	14	9	348	40	25	51	17	7	351
B. good	36	3	8	19	53	8	22	6	17	343	36	8	53	22	17	343	45	14	56	24	6	348
C. fair	15	1	7	7	47	6	40	1	7	343	15	7	47	40	7	343	12	7	49	34	10	343
D. poor	6	0	0	3	50	2	33	1	17	339	6	0	50	33	17	339	3	3	35	43	20	337
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	31	4	13	17	55	6	19	4	13	346	31	13	55	19	13	346	38	23	52	19	5	351
B. They match some of what I have learned.	51	5	10	31	62	12	24	2	4	347	51	10	62	24	4	347	45	16	56	22	6	348
C. They match just a little of what I have learned.	16	1	6	7	44	3	19	5	31	337	16	6	44	19	31	337	12	10	45	33	12	343
D. There is no match.	2	0	0	0	0	1	50	1	50	326	2	0	0	50	50	326	5	5	35	38	22	338
How hard was the mathematics part of this test?																						
A. harder than my regular schoolwork	18	1	6	8	44	6	33	3	17	340	18	6	44	33	17	340	17	8	45	34	13	342
B. about the same as my regular schoolwork	60	7	11	36	59	12	20	6	10	347	60	11	59	20	10	347	59	19	55	21	5	350
C. easier than my regular schoolwork	22	2	9	13	59	4	18	3	14	345	22	9	59	18	14	345	24	20	51	21	8	349
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	17	0	0	9	53	6	35	2	12	338	17	0	53	35	12	338	15	8	41	35	15	341
B. 30–45 minutes	35	4	11	20	57	8	23	3	9	347	35	11	57	23	9	347	29	16	54	23	6	348
C. 45–60 minutes	33	5	15	23	70	4	12	1	3	350	33	15	70	12	3	350	32	21	55	19	5	350
D. more than 60 minutes	14	1	7	5	36	3	21	5	36	339	14	7	36	21	36	339	25	21	53	20	6	350
How often do you use calculators in mathematics class?																						
A. almost every day	4	0	0	0	0	3	75	1	25	332	4	0	0	75	25	332	6	6	33	39	23	337
B. two or three days a week	1	0	0	0	0	1	100	0	0	334	1	0	0	100	0	334	12	15	55	22	8	348
C. two or three times each month	9	0	0	7	78	1	11	1	11	346	9	0	78	11	11	346	26	20	56	19	5	350
D. never or almost never	86	10	11	50	57	17	20	10	11	346	86	11	57	20	11	346	56	18	52	23	7	348
How often do you use hands-on materials in mathematics class?																						
A. almost every day	16	0	0	9	56	5	31	2	13	341	16	0	56	31	13	341	37	14	51	27	9	346
B. two or three days a week	21	3	14	12	57	4	19	2	10	346	21	14	57	19	10	346	27	20	55	19	6	350
C. two or three times each month	28	5	18	15	54	5	18	3	11	347	28	18	54	18	11	347	19	22	53	19	6	350
D. never or almost never	34	2	6	20	59	7	21	5	15	344	34	6	59	21	15	344	18	15	51	26	8	347
Optional school/SAU question																						
A.	50	0	0	0	0	0	0	1	100	322	50	0	0	0	100	322						
B.	0										0											
C.	0										0											
D.	50	0	0	0	0	1	100	0	0	336	50	0	0	100	0	336						

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